



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SAT-01716

Friday April 14, 2023

Satellite Licensing Division Information Space Station Applications Accepted for Filing

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined that the application is not in conformance with the Commission's rules or its policies. Consideration of each satellite application in this Public Notice may depend on the Commission's action on another satellite application earlier in the queue. Petitions, oppositions, and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

SAT-LOA-20230307-00048 E S3162 Capella Space Corp.
Date Filed: 03/07/2023 20:02:31:07000
Launch and Operating Authority

Capella Space Corp. requests authority to construct, deploy and operate two low-Earth orbit, non-geostationary satellites, Acadia-1 and Acadia-2, that would operate in the earth-exploration satellite service, conducting synthetic aperture radar (SAR) imaging. Capella Space requests authority to operate in the following frequency bands: 9300-10000 MHz for SAR imaging; 8025-8400 MHz (space-to-Earth) for the EESS payload downlink; 2025-2110 MHz (Earth-to-space) for a TT&C uplink; 8025-8400 MHz (space-to-Earth) for a TT&C downlink; and 1525.0-1559.0 MHz transmitting (space-to-space) and 1626.5-1660.0 MHz receiving (space-to-space) for inter-satellite links with the Inmarsat system, including all the satellites on the Commission's "ISAT" list. Specifically, Capella Space requests to operate using a center frequency of 9650 MHz and a bandwidth of 700 MHz for SAR imaging, a center frequency of 8212.5 MHz and bandwidth of 337.5 MHz for its payload downlink, a center frequency of 2036 MHz and bandwidth of 1.4 MHz for its TT&C uplink, and a center frequency of 8027 MHz and bandwidth of 1.4 MHz for its TT&C downlink. Capella Space states that the center frequencies and bandwidths for its inter-satellite links would be assigned by Inmarsat. In addition, Capella Space seeks special temporary authority to allow the Acadia-1 and Acadia-2 satellites to receive a signal from a single earth station in the 9400-9900 MHz band (Earth-to-space) for a limited period following deployment in order to radiometrically calibrate radar measurements. Capella Space requests waiver of the U.S. Table of Frequency Allocations, section 2.106 of the Commission's rules, to permit use of 9900-10000 MHz frequency band for EESS (active), for operations of inter-satellite links with the Inmarsat system in the 1525.0-1559.0 MHz and 1626.5-1660.0 MHz frequency bands, and to permit earth-to-space transmissions on a temporary basis in the 9400-10000 MHz band to calibrate Capella's SAR system. Capella Space also requests a conditional waiver of section 25.202(g)(1) of the Commission's rules, as well as waiver of several Form 312 - Schedule S technical information requirements and requirements of Section 25.114(c). Capella Space requests that its application be processed in accordance with the small satellite licensing procedures adopted in FCC 19-81.

SAT-MPL-20230308-00049 E S2978 Space Norway AS
Date Filed: 03/08/2023 15:53:39:46300
Modification to PDR/PPL

Space Norway AS requests modification of a milestone condition for its grant of U.S. market access for a non-geostationary satellite orbit constellation. Specifically, Space Norway requests extension from November 3, 2023 to November 3, 2024, of the milestone deadline requiring it to launch 50 percent of the space stations authorized for service, place them in their assigned orbits, and operate them in accordance with the station authorization. See 47 CFR § 25.164.

For more information concerning this Notice, contact the Satellite Licensing Division at (202) 418-0719.